

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G06T 7/00 G01B 11/25

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06T G01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SANSONI G ET AL: "A NOVEL, ADAPTIVE SYSTEM FOR 3-D OPTICAL PROFILOMETRY USING A LIQUID CRYSTAL LIGHT PROJECTOR" IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT, IEEE INC. NEW YORK, US, vol. 43, no. 4, 1 August 1994 (1994-08-01), pages 558-565, XP000466818 ISSN: 0018-9456 the whole document	29
A	----- WO 99/28704 A (UNIVERSITA' DEGLI STUDI DI BRESCIA; SANSONI, GIOVANNA; LAZZARI, SARA) 10 June 1999 (1999-06-10) abstract; figures 1-11 page 10, line 18 - page 13, line 3	1-28, 30-32
A	----- -/-	1-32

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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Date of the actual completion of the International search

24 March 2005

Date of mailing of the International search report

27/04/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	BATLLE J ET AL: "Recent progress in coded structured light as a technique to solve the correspondence problem - image segmentation techniques" PATTERN RECOGNITION, ELSEVIER, KIDLINGTON, GB, vol. 31, no. 7, 31 July 1998 (1998-07-31), pages 963-982, XP004131001 ISSN: 0031-3203 the whole document -----	1-32
A	US 6 229 913 B1 (NAYAR SHREE ET AL) 8 May 2001 (2001-05-08) abstract; figures 4A,4B,11A-12D,17A,17B column 3, line 25 - column 5, line 12 -----	1-32
P,A	SALVI J ET AL: "Pattern codification strategies in structured light systems" PATTERN RECOGNITION, ELSEVIER, KIDLINGTON, GB, vol. 37, no. 4, April 2004 (2004-04), pages 827-849, XP004491495 ISSN: 0031-3203 cited in the application the whole document -----	1-32
P,A	FOFI D ET AL: "Uncalibrated reconstruction: an adaptation to structured light vision" PATTERN RECOGNITION, ELSEVIER, KIDLINGTON, GB, vol. 36, no. 7, July 2003 (2003-07), pages 1631-1644, XP004417154 ISSN: 0031-3203 the whole document -----	1-32
P,A	US 2003/174880 A1 (SAKAMOTO SHIZUO ET AL) 18 September 2003 (2003-09-18) abstract; figures 1-11 paragraph '0004! - paragraph '0039! paragraph '0088! - paragraph '0122! -----	1-32

## Information on patent family members

International Application No

PCT/IL2004/000672

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 9928704	A	10-06-1999	IT	MI972667 A1		02-06-1999
			AU	1876499 A		16-06-1999
			WO	9928704 A1		10-06-1999
			EP	1038157 A1		27-09-2000
US 6229913	B1	08-05-2001	WO	9641304 A1		19-12-1996
			JP	10508107 J		04-08-1998
			JP	3481631 B2		22-12-2003
US 2003174880	A1	18-09-2003	JP	2003269928 A		25-09-2003